

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 32] नई विल्ली, शनिवार, अगस्त 11, 1979 (श्रावण 20, 1901)  
No. 32] NEW DELHI, SATURDAY, AUGUST 11, 1979 (SRAVANA 20, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असम संक्षेप के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—पर्यावरण

#### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 11th August 1979

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 22nd July 1978, under the heading 'Application for Patents' filed at the (Bombay Branch).

(1)

In page 528 column 2, against No. 159/Bom/78—  
delete '27th May 1978'

insert '159/Bom/78, I. R. Khan, Water temperature sensing siren' under 29th May 1978.

(2)

In the Gazette of India, Part III, Section 2, dated the 4th November 1978 under the heading 'COMPLETE SPECIFICATION ACCEPTED'.

(1)

In page 783, column 1, line 11, against No. 145523—  
for 'No. 2056/Cal/76'  
read 'No. 2046/Cal/76'

(3)

In the Gazette of India, Part III, Section 2, dated the 30th December 1978, under the heading 'COMPLETE SPECIFICATION ACCEPTED'.

(1)

In page 884, column 2, line 1, against Class 69B&G, 126A.  
for 'No. 146832'  
read 'No. 145832'.

187GI/79

and in line 6

for 'PRITAK'

read 'PRITAM'

(4)

In the Gazette of India, Part III, Section 2, dated 6th January 1979 under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 4, column 1, line 6, against No. 145846—

delete 'Inventor : SHIGERU MATSUSHIMA'

insert 'Applicant : AIKOH CO., LTD., of No. 1-39, 2-Chome'.

(2)

In page 4, column 1, line 2, against No. 145848—

for 'C 07 c 59/14'

read 'C 07 c 59/24'.

(3)

In page 5, column 2, line 7, against No. 145853—

for 'DJDEOA'

read 'DIDEOT'

(4)

In page 6, column 1, line 2, against No. 145855—

for 'C 13 k 1300'

read 'C 13 k 1/00'.

and in line 6

for 'UOP ING'

read 'UOP INC'

(481)

(5)

In page 7, column 1, line 2, against No. 145860—  
 for 'F 16 g 1120'  
 read 'F 16 g 11 00'.

(6)

In page 9, column 2, line 8, against No. 145871—  
 for '(4) OKUTA TAKASHI YASUDA'  
 read '(4) OKUTA TAKASHI YASUDA'

and

insert (5) KAISHU MOMONOI,

(6) SEI-TSU KURODA,

(7) MIWAKO KOMATSU,

(8) TAKASHI YASUDA.

(5)

In the Gazette of India, Part III, Section 2, dated 13th January 1979, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 20, column 1, line 1, in between Nos. 145891—145893—

for '36A<sub>1</sub> & A<sub>2</sub>'  
 read '32F<sub>1</sub> & 55D<sub>1</sub>'

and

for '145894'  
 read '145892'

(2)

In page 20, column 2, line 1,—  
 for '145892'

read '145894'

(3)

In page 22, column 1, line 2 against No. 145897—

for 'F 16 k 1/00'  
 read 'F 16 c 1/00'

and in line 4

for 'TURBING'  
 read 'TUBING'

(6)

In the Gazette of India, Part III, Section 2, dated 13th January 1979, under the heading 'Application for Patents' filed at the (Bombay Branch).

(1)

In page 15, column 2, under the date 27th October 1978 against No. 317/Bom/78—

for 'H. G. Kelkar. Adjustable unidirectional single phase preventor'  
 read 'Mrs. Kalpana Vora. A novel transistorised single phase preventor'

(7)

In the Gazette of India Part III, Section 2, dated 20th January 1979, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 35 column 1, line 12 against No. 145911—  
 for 'Application No. 161/Bom/75'  
 read 'Application No. 151/Bom/75'

(8)

In the Gazette of India, Part III, Section 2, dated 27th January 1979 under the heading 'COMPLETE SPECIFICATION ACCEPTED'.

(1)

In page 52 column 2, line 19, against No. 145961—  
 for 'Patent Office, Calcutta'  
 read 'Patent Office, Delhi Branch'

(9)

In the Gazette of India, Part III, Section 2, dated 24th February 1979, under the heading 'COMPLETE SPECIFICATION ACCEPTED'.

(1)

In page 127, column 1, line 14, against No. 146119—  
 delete 'Patents Rules, 1972 Patent Office, Calcutta'

(10)

In the Gazette of India, Part III, Section 2, dated 10th March 1979, under the heading 'COMPLETE SPECIFICATION ACCEPTED'.

(1)

In page 144, column 1, line 12, against No. 146143—  
 for 'Patent Office, Bombay Branch'  
 read 'Patent Office, Madras Branch'

(2)

In page 144, column 1, line 10, against No. 146144—  
 for 'Patent Office, Madras Branch'  
 read 'Patent Office, Calcutta'

(3)

In page 150, column 1, line 12, against No. 146168—  
 for 'Patent Office, Calcutta'  
 read 'Patent Office, Delhi Branch'

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

5th July 1979

690/Cal/79. Battelle Memorial Institute. Cattle fodder from partially hydrolyzed ligno-cellulosic materials and urea and process of manufacture.

691/Cal/79. Metal Box Limited. Shredding machines. (July 5, 1978).

692/Cal/79. Metal Box Limited. Shredding machines. (July 5, 1978).

693/Cal/79. Metal Box Limited. Shredding machines. (July 5, 1978).

694/Cal/79. Lucas Industries Limited. Electrical Coil Assembly. (July 5, 1978).

7th July 1979

695/Cal/79. D. K. Sinha. An improved gear cutting hole to cut gears of a range of modules with the same cutters.

696/Cal/79. D. K. Sinha. An improved rack type gear shaping cutter to shape gears of a range of modules with the same cutters.

697/Cal/79. D. K. Sinha. An improved involute profile checking instrument with a conical surface.

698/Cal/79 D K Sinha An improved rack type gear shaving cutter to shave gears of a range of modules with the same cutters

699/Cal/79 D K Sinha An improved involute profile checking instrument with friction discs

700/Cal/79 Institut Francais DU Petrole Mobile device for generating acoustic shear waves in the earth

701/Cal/79 Institut Francais DU Petrole Mobile device for generating acoustic shear waves

702/Cal/79 Smithkline Corporation A process for preparing mercapto substituted-2, 3, 4, 5 tetrahydro-1H-3-benzazepines.

703/Cal/79 Dr K Soft An improved paint composition

704/Cal/79 Capsugel AG Machine for connecting capsule bodies and caps

10th July 1979

705/Cal/79 H J Fenroy Gerrard Improvements in wheels, pulleys and tumblers (July 24, 1978)

706/Cal/79 Combustion Engineering, Inc Improved method of forming a socket weld

707/Cal/79 Deutsche Gold-Und Silver-Scheideanstalt Vormals Roessler Process for the preparation of 'heophylline derivatives

708/Cal/79 Palitex Project-Company GMBH A two-for one twisting spindle, and a method for the pneumatic threading of thread through a hollow spindle axle of a two for-one twisting spindle

709/Cal/79 Franco Del Bon Sealed can or similar container having an internally lined can body, process apparatus and performed closure element for sealing said can and process and apparatus for producing a rupturing zone in said closure element

710/Cal/79 Sumitomo Chemical Company Limited Process for producing 2-amino-4-acylaminophenyl ether

711/Cal/79 Bankim Bihari Ghosh Load cell cum convergence indicator

11th July 1979

712/Cal/79 Maschinenfabrik Rieter AG Method and apparatus for producing a draftable, twisted roving consisting of staple fibres which is wound on a rotating package with imparted twist (July 11, 1978)

713/Cal/79 Hitachi Maxell Ltd Leak-proof alkaline cell and its production.

714/Cal/79 Messwandler-Bau GMBH Transformer winding

715/Cal/79 Westinghouse Electric Corporation Phase lead connecting stator coils and parallel phase rings.

716/Cal/79 Westinghouse Electric Corporation Liquid interrupter module

#### APPLICATIONS FOR PATENTS FILED AT THE (DELHI BRANCH)

18th June 1979

441/DEL/79 Extrados Co., Ltd., "Steel Pallet Construction" (20th June, 1978)

442/DEL/79 Oscar Patrick Gilmore, "Webbed Non-Pneumatic Tire"

443/DEL/79 Tesa S A, "Instrument for Measurement and Verification of Linear Dimensions"

19th June 1979

444/DEL/79 Pierre Joseph De Pingon, "Articulated Cata-maan"

445/DEI/79 Frederick Harold Hyde, "Grain Saw Sharpening Apparatus".

20th June 1979

446/DEL/79 Federico Honegger, Traveller for Ring Spinning and Twisting Machines".

447/DFI/79 Vosper Thornycroft (UK) Ltd, "Shell Boilers".

448/DEL/79 ICI Australia Ltd, "Processes".

449/DEL/79 Waite & Son Ltd, "Improvements in or relating to writing tips for aqueous inks" (11th July 1978 and 15th September, 1978)

21st June 1979

450/DFL/79 Sara Technical Services Pvt Ltd, "An Animal Driven Vehicle".

451/DFL/79 Pfizer Inc, "Novel Spiro Oxazolidindiones"

452/DEL/79 Southwire Co, "Continuous Copper Melting Furnace".

453/DEL/79 Saraswati Prasad Mishra, "Phospho-Carbonation Technology for Cane Juice Clarification".

22nd June 1979

454/DHL/79 Wind Baron Corporation, "Wind Machine System for Pushing and Lifting Loads and Having improved counterbalancing".

455/DEL/79 Southwire Co, "A method and Burner apparatus for Heating a Non-Ferrous Material charge with Liquid Fuel"

23rd June 1979

456/DEL/79 Mr Ravinder Singh, "An Irrigation Sprinkler" [Addition to Patent Appln No 19/Del/79].

457/DFL/79 Council of Scientific & Industrial Research, "Process for the preparation of N<sup>1</sup> Substituted aryl/alkanoyl-N<sup>2</sup>-(2-carboxy phenyl/substituted phenyl) hydrazine derivatives

458/DEL/79 Council of Scientific & Industrial Research, "Improvements in or Relating to Selective Sodium Ion Conducting Diaphragms for use in Sodium Metal Recovery or for energy Storage employing Fused Chlorides or Sulphides or Mixtures thereof"

459/DHL/79 Council of Scientific and Industrial Research, "Anodic Methoxylation of Furan to 2, 5-Dihydro-2, 5-Dimethoxy Furan"

25th June 1979

460/DEL/79 Vosper Thornycroft (UK) Limited, "Horizontal Shell Boilers".

26th June 1979

461/DEL/79 Pall Corporation, "Filter Assembly for intravenous Liquid Administration Apparatus".

462/DEL/79 Metallurgical Processes Limited and I S. C. Smelting Limited, carrying on business together under the name and style of Metallurgical Development Company, "Improvements in or relating to the Roasting of Sulphide Materials". (July 4, 1978).

27th June 1979

463/DEL/79 Dipl Ing Helmut Koster, "Films or Foils".

464/DEL/79 Dipl Ing Helmut Koster, "A Foldable Element Capable of Absorbing and/or Reflecting Solar Energy".

465/DEL/79 Dipl Ing Helmut Koster, "A Solar Façade Device".

466/DEL/79 The Director General, Cement Research Institute of India, "A Steel Fibre Denester".

467/DEL/79 Dipl Ing Helmut Koster, "Flat Bed Collectors".

468/DFI/79 Bharat Heavy Electricals Limited, "A Solar Water Heater Having a Storage Tank".

469/DEL/79. The Director, Central Council for Research in Ayurveda and Siddha, "A process for the preparation of Vincristine from Vinca Rosea". [Divisional date September 21, 1978].

470/DEL/79. Smithkline Corporation, "Method for Preparing 7, 8-Dichloro-Tetrahydroisoquinoline".

28th June 1979

471/DEL/79. Coronation Sporting Ball Company, "Improvements in or relating to Inflatable Balls and Method of manufacturing the same".

472/DEL/79. Coronation Sporting Ball Company, "Improvements in or relating to Inflatable Balls and method of manufacturing the same".

473/DEL/79. R. K. Jajodia, "Writing Script".

29th June 1979

474/DEL/79. Norsk Hydro a.s., "Method of manufacturing NP-or NPK-containing fertilizers from magnesium containing phosphate".

475/DEL/79. Chloride Group Limited, "Lead Alloy Strip".

30th June 1979

476/DEL/79. Council of Scientific & Industrial Research, "A process for the Resolution of di-3, 4-Trans-2, 2'-Disubstituted-3, 4-Diarylcroman".

**APPLICATIONS FOR PATENTS FILED AT  
(BOMBAY BRANCH)**

25th June 1979

186/Bom/1979. Ahmedabad Textile Industry's Assn., An improved picking cam for loom.

187/Bom/1979. Chhaya Sales and Services. An electronically operated warp stop motion for use in power loom.

26th June 1979

188/Bom/1979. Prabhakar Ganesh Kelkar. A pump for conducting fluids or gases.

189/Bom/1979. Vasant Shrinivas Ayachit, Abhay Vasant Ayachit and Shirish Vasant Ayachit. Improvements in or relating to Stoves.

190/Bom/1979. Srichandra Gupta and Harishchandra Gupta. Improvements in or relating to Rope Guides.

28th June 1979

191/Bom/1979. Manohar. Power less water pump or water lifting pump without any power.

192/Bom/1979. Jayant Narayan Kardile. Pretreator Chamber with gravel bed at bottom and plastic square tube modules above.

29th June 1979

193/Bom/1979. Dry. Yusuf Khawaja Hamied. 17-Alpha-ETH-YNYL-17-HETA-HYDROXY-3-KETO STEROIDS.

194/Bom/1979. DR. Yusuf Khawaja Hamied. 1-(Tetrahydro-2-Furanyl) 5-Halouracil.

**APPLICATION FOR PATENTS FILED AT THE  
(MADRAS BRANCH)**

2nd July 1979

121/Mas/79.M/s. Pfimex International. Improvements in pharmaceutical formulation namely *VIVOLIN* (Pfimex Brand of Ampicillin) for oral administration.

5th July 1979

122/Mas/79. C. I. S. Rao. Improvements in or relating to Sugar Cane crusher for Milling Cane.

123/Mas/79. Lucas Industries Ltd., Servo Boosters for Vehicle braking systems. (July 8th, 1978).

124/Mas/79. Lucas Industries Ltd., Servo Boosters for Vehicle braking systems. (July 8th, 1978).

125/Mas/79. Lucas Industries Ltd., Servo Boosters for Vehicle braking systems. (July 8th, 1978).

126/Mas/79. Lucas Industries Ltd., Servo Boosters for Vehicle braking systems. (July 8th, 1978).

127/Mas/79. P. Sindhu. The solavex Unit—A method for constructing a plant for generating electricity through-out the year by using solar energy.

128/Mas/79. G. B. Kadappu. Automatic standing device of two wheeled vehicles.

**ALTERATION OF DATE**

146685.

386/Cal/78.

Ante-dated 7th February, 1977.

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statements of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specification as shown in the following list.

Typed of photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 105C & D.

146667.

Int. Cl.-F16k 11/00.

**AN IMPROVED VALVE CONTROL MEMBER AND VALVE.**

*Applicant : PEGLER-HATTERSLEY LIMITED, OF ST. CATHERINE'S AVENUE, DONCASTER, YORKSHIRE, ENGLAND.*

*Inventor : GEOFFREY HANSON.*

*Application No. 2160/Cal/76 filed December 4, 1976.*

*Convention date December 19, 1975 (52204/75) U.K.*

*Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.*

28 Claims

A control member for a valve for use in pipe installation comprising a first relatively rigid member, and a second relatively flexible member in continuous resilient engagement with a continuous surface of said first member, said first member being so arranged that on relative rotational movement between said members the contours of said flexible member are changed whereby a valve control function may be effected.

CLASS 29A &amp; 206E.

146668.

Int. Cl.-GO6f 9/00.

**ARRANGEMENT TO INDICATE SIGNALS HAVING A LENGTH EXCEEDING A LIMIT VALUE.***Applicant* : TELEFONAKTJFBOLAGET L M ERICSSON, OF S-126 25 STOCKHOLM, SWEDEN.*Inventor* : FOLKE LENNART MARTELSSON.

Application No. 2236/Cal/76 filed December 21, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**7 Claims**

An arrangement to indicate, within an incoming pulse train, only signal pulses having a length exceeding a limit value, comprising logical circuits in order to generate a control pulse train by means of the incoming pulse train, and to process the logical values in said control pulse train and incoming pulse train, characterized by a single-shot element in order to start, by means of each leading edge of the incoming pulse train, the generation of a control pulse which ends latest at an instant determined by said limit value, an interruption element in order to interrupt respective control pulse, by means of respective trailing edge of an incoming disturbing pulse, the length of which is shorter than said limit value, and evaluation circuits to generate indication signals by means of the uninterrupted control pulses, which indication signals each indicates an incoming signal pulse.

CLASS 141D.

146669.

Int. Cl.-C22b 1/12.

**A METHOD FOR THE BENEFICATION OF MAGNESITE ORES.***Applicant* : FINANCIAL MINING—INDUSTRIAL AND SHIPPING CORPORATION, OF 18-20 SIKELIAS STR. ATHENS 404, GREECE.*Inventor* : THEODOR GAMBOPOULOS AND ANTONIOS FRANGISKOS.

Application No. 823/Cal/77 filed June 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**5 Claims. No drawings.**

A method for beneficiation of magnesite from ores containing magnesite, serpentine and other gangue material which method comprises crushing the ore and treating the crushed ore in an aqueous dispersion containing 0.15% by weight of an approximately 85% pure diamine selected from R-NH-CH<sub>2</sub>-

CH<sub>2</sub>-CH<sub>2</sub>-NH<sub>2</sub> and R-NH-CH<sub>2</sub>-CH=CH-NH<sub>2</sub> or a mixture thereof where R represents C<sub>1</sub>-C<sub>8</sub>, 0.15% of a blending promoter based on a mixture of terpenic alcohols and 4% diesel and reconditioning the activated ore in a suspension of a finely divided strongly ferromagnetic material such as magnetite or ferrosilicon so as to selectively render the gangue particles magnetic by coating or "co-coupling" them with the ferromagnetic grains and separating the magnetically enhanced gangue from the ore by conventional magnetic separators to obtain a concentrate of magnesite.

CLASS 190C.

146670.

Int. Cl.-F03b 15/04.

**DEVICE FOR CONTROLLING THE OPERATION OF A BULB-TYPE WATER TURBINE.***Applicant* : NEYRPIC - CREUSOT LOIRE OF RUE GENERAI MANGIN, 38041 GRENOBLE CEDEX, FRANCE AND COMPAGNIE NATIONALE DU RHONE OF 2 RUE ANDRE BONIN, 69316 LYON CEDEX 1, FRANCE.*Inventor* : LUCIEN MAGNINT.

Application No. 2233/Cal/76 filed December 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**2 Claims.**

A device for controlling the operation of a bulb type water turbine comprising : a tubular water inlet duct, a bulb coaxially mounted within said duct and defining an annular water flow path between said bulb and said inlet duct, a stationary conical front guide vane assembly interposed within said annular path and between said bulb and said duct, a mobile conical guide vane assembly in juxtaposition to said stationary conical front guide vane assembly downstream thereof and comprising a circumferentially spaced array of short, non-contiguous variable pitch guide vanes and pivotably mounted for rotation about radial axes within said duct, means for limiting the angular play of said pivotal guide vanes such that said pivotal guide vanes serve only to deflect the water during turbine operation, a water turbine disposed on the downstream end of said bulb for receiving water flow discharging from said pivotal, variable pitch guide vanes, and a gate sluice downstream of said turbine within said annular duct for controlling the starting and stopping of the turbine and watertight sealing of the turbine when said turbine is stopped.

CLASS 9D.

146671.

Int. Cl.-C22c 39/20.

**IMPROVEMENTS IN OR RELATING TO A HEAT RESISTING NICKEL-CHROMIUM ALLOY HAVING HIGH RESISTANCE TO OXIDATION, CARBURIZATION AND CREEP AT HIGH TEMPERATURE.***Applicant* : ACIERIES DU MANOIR POMPEY, OF 62, BOULEVARD VICTOR HUGO-92200 NEUILLY SUR SEINE, FRANCE.*Inventors* : MICHEL HUGO AND JACQUES THUILLIER.

Application No. 108/Cal/77 filed January 27, 1977.

Convention date February 18, 1976/(06458/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**14 Claims.**

Process of preparing a heat resisting alloy having high resistance to oxidation, carburization and creep at very high temperatures, of the type comprising nickel, chromium, carbon, manganese, silicon, niobium, nitrogen and possibly iron and tungsten, characterized in that it consists in using the following elements in the following by-weight percentages :

Ni.....	24—53
Cr.....	20—44
C.....	0.01—0.6
Mn.....	0.1—1.5
Si.....	1.3—3
Nb.....	0.5—3
N.....	0.05—0.2
W and/or Mo.....	0.2—5
Fe.....	0—47
Cu.....	0—5

the minimum copper content in case the alloy contains tungsten and less than 40% nickel being at least 0.1% and preferably at least 0.5% and in that the Ni/Cr ratio is comprised between 1.20 and 1.40.

CLASS 92C.

146672.

Int. Cl.-A23n 5/00.

**MACHINE FOR REMOVING THE COIR OF COCONUTS OR THE KERNEL OF VARIOUS FRUITS.***Applicant* : SOCIETE POUR LE DEVELOPMENT ET L'EXPLOITATION DU PALMIER A HUILE, OF POST BOX NO. 2049, ABIDJAN, IVORY COAST.*Inventors* : JEAN-PAUL GERMAIN, PAUL VILLE AND JEAN-JACQUES.

Application No. 374/Cal/77 filed March 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 19 Claims.

A machine for removing a fleshy or fibrous envelope which covers a hard kernel of a fruit, in particular the coir which covers the hard shell of coconuts, of the type comprising a number of hooks which are caused to penetrate conjointly into the envelope at one end of the fruit under the action of a pusher which acts on the other end, the said ends as well as the movement of the pusher defining an axis of the machine, each hook being able to retract from the axis so as to tear away the envelope, the machine being characterised by retaining and supporting abutments interposed between the hooks, the abutments traversing the envelope under the action of the pusher and becoming supported against the shell in the vicinity of the first end.

CLASS 87A.

146673.

Int. Cl.-A63b 21/00.

## A DEVICE FOR AMUSEMENT AND EXERCISE.

*Applicant & Inventor* : NANDAN GADGIL, 'KRISHI', 1144 SHUKRAWAR PETH, PUNE 411 002, STATE OF MAHARASHTRA, INDIA.

Application No. 356/Bom/76 filed October 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 5 Claims.

A device for amusement and exercise consisting of (i) a hollow projectile provide with openings at two extremities in which are fitted bushes having a radial profile; (ii) a plurality of strings passing through the projectile provided with handles at either end, the said strings being substantially smooth throughout their length, the said handles being provided with front guards, the arrangement being such that two persons hold the handles at either end place the projectile at one end and oscillate the projectile from one end to another by the alternate separation and bringing together of the handles by either person.

CLASS 167A.

146674.

Int. Cl.-B07b 1/00.

## AN APPARATUS FOR DIFFERENTIATING GEMS.

*Applicant* : SAIFEE GULAMALI KHAMBATTI, (2) MOHAMEDI GULAMALI KHAMBATTI AND MRS. BALTUL FAZLE ABBAS KHAMBATTI, TRADING AS KHAMBATTI & SONS, OF 43A, DHANJI STREET, BOMBAY-400 003, STATE OF MAHARASHTRA, INDIA.

*Inventor* : SAIFEE GULAMALI KHAMBATTI.

Application No. 431/Bom/76 filed December 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 3 Claims.

An apparatus for differentiating gems such as diamonds into different sizes by weight comprising a plurality of sieves of different mesh placed in descending order of mesh size, each sieve assigned a point weight value corresponding to the weight of the stone of a particular edge the arrangement being such that when a multitude of stones are placed on a sieve of a particular mesh the stones remaining on the mesh just below that selected sieve would be assigned a point weight value of the selected sieve and the weight of each stone and the number of stones to make up one unit measurement read off on a table prepared according to the point value of the sieve.

CLASS 126A.

146675.

Int. Cl.-G01r 21/00, 25/00.

## IMPROVED DEVICE TO MEASURE POWER FACTOR IN ELECTRICAL CIRCUITS.

*Applicant* : LARSEN & TOUBRO LIMITED, OF L & T HOUSE, BALLARD ESTATE, BOMBAY-400 001, MAHARASHTRA, INDIA.

*Inventors* : ITTOOP CHUNGATH JOSEPH, AND VENKATRAMAN SHRINIVASAN.

Application No. 97/Bom/78 filed April 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 6 Claims.

A device for measuring the power factor in electrical circuits which comprises an inductor connected to one pair of input terminals of an electronic circuit, a pair of capacitor elements connected to another pair of input terminals of the electronic circuit and a meter connected to the output terminals of the electronic circuit.

146676.

CLASS 146A.

Int. Cl.-G01d 5/24.

## DEVICE FOR CHECKING AND MEASURING TWIST DRILLS.

*Applicant & Inventor* : MAURICE KATZ, OF 71, RUE RAYNOUARD, PARIS (16E), FRANCE.

Application No. 1871/Cal/76 filed October 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

A device for checking and measuring twist drills comprising a first rule having a graduated scale thereon, a second rule having a graduated scale thereon with an origin fixed at one edge of the first rule, whereby the height and width of cutting edges of a twist drill may be measured, and an arm pivotably attached to the first or second rule and carrying an angular scale, whereby the point angle, chisel-head angle and lip-relief angle of twist drill may be measured.

146677.

CLASS 63E.

Int. Cl.-H02k 9/00.

## REVERSE FLOW COOLED DYNAMOELECTRIC MACHINES WITH NOVEL COOLING SYSTEM.

*Applicant* : GENERAL ELECTRIC COMPANY, OF 1 RIVIER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

*Inventors* : ANTHONY FRANCIS ARMOR AND CARMER PETER STANWICK.

Application No. 560/Cal/77 filed April 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A reverse flow cooled dynamoelectric machine comprising a gas-tight casing containing cooling gas; a stator core including radial passages for flow of gas; a rotor defining a gas gap with the stator core and having a body portion and an end turn portion;

fan means mounted on said rotor for circulating cooling gas from said gas gap to gas coolers;

first and second gas coolers mounted in said casing in side-by-side relationship, said gas coolers communicating with an outlet of said fan means to receive and cool gas pumped therefrom; first conduit means for conducting gas from both said first and second coolers to said rotor end turn portion; second conduit means conducting gas from both said first and second coolers to said stator cooling passages and said rotor body portion; and baffle means disposed in said casing in abutting spaced relationship with both said coolers and extending radially outward from said coolers to an inner wall of said casing, said baffle means being shaped to direct a portion of the gas cooled by each of said coolers to both first and second conduit means, thereby ensuring a flow of cooling gas both to said stator and said body portion of said rotor and to said end turn portion of said rotor with only one of said coolers operating.

CLASS 42A<sub>1</sub> & 42B.

146678.

Int. Cl.-A24, 5/50, A24c 1/26.

## METHOD OF AND APPARATUS FOR WRAPPING CYLINDRICAL INSERTS WITHIN SHEET MATERIAL.

*Applicant*: ACUMETER LABORATORIES, INC., OF 27 MICA LANE, NEWTON LOWER FALLS, MASSACHUSETTS, UNITED STATES OF AMERICA.*Inventors*: DONALD BOOTH MCINTYRE AND FREDERIC SEXTON MCINTYRE.

Application No. 1266/Cal/77 filed August 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method of wrapping substantially cylindrical inserts within sheet material, that comprises, forming the inserts and feeding the same along a line, feeding a web of the sheet material in the direction of said line to receive the inserts longitudinally thereupon; depositing upon the web prior to its receiving the inserts a longitudinal adhesive line near an edge of the web and successive sets of longitudinally spaced transversely extending adhesive dots or dashes; controlling the longitudinal spacing between said sets of transversely extending adhesive dots or dashes to correspond to predetermined spaced regions along said inserts; transversely wrapping the adhesive-provided web about the inserts with sufficient overlap to enable securing along said longitudinal adhesive line and to adhere the successive sets of adhesive dots or dashes circumferentially to the inserts at said predetermined regions thereof; and transversely cutting said wrapped inserts synchronously with the presentation of spaces between said sets of adhesive dots or dashes to avoid cutting contact with the same.

CLASS 58B &amp; 207.

146679.

Int. Cl.-E06b 5/00, 5/10.

## COMPOSITE CELLULAR ASSEMBLY.

*Applicant*: SITAPUR PLYWOOD MANUFACTURES LTD., OF POST BOX NO. 6, SITAPUR-261001 U.P., INDIA.*Inventor*: HENRY THOMSON.

Application No. 79/De/77 filed April 19, 1977.

Complete Specification left July 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A composite cellular assembly of the kind specified including a frame work comprising a peripheral frame cum internal lipping and a plurality of strips of veneer/boards arranged parallel to each other and separated by spacer blocks so as to form a core and having a veneer crossband and a face veneer fixed on either side of the said frame work.

CLASS 32F<sub>2</sub>b & F<sub>2</sub>c

146680.

Int. Cl.-C07c 149/24, C07d 27/00, 29/00,

A62k 27/00.

## A PROCESS FOR PREPARING SUBSTITUTED ACYL DERIVATIVES OF AMINO ACIDS.

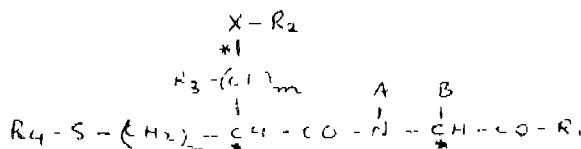
*Applicant*: F. R. SOUBB & SONS, INC., LAWRENCEVILLE-PRINCETON ROAD, PRINCETON, NEW JERSEY, UNITED STATES OF AMERICA.*Inventor*: MIGUEL ANGEL ONDETTI AND FRANK LFF WEISENBORNE.

Application No. 361/De/77 filed November 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

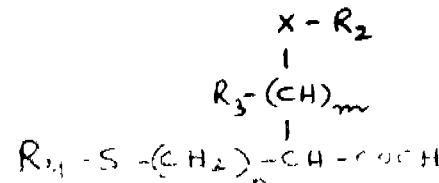
A process for preparing substituted acyl derivatives of amino acids having the formula I.



and salts thereof, wherein R<sub>1</sub> is hydroxy or lower alkoxy; R<sub>2</sub> is hydrogen, lower alkyl or lower alkanoyl; R<sub>3</sub> is hydrogen or lower alkyl; R<sub>4</sub> is hydrogen, lower alkanoyl, benzoyl, A is hydrogen, lower alkyl or hydroxy-lower alkylene; B is hydrogen, lower alkyl, phenyl, phenyl-lower alkylene, hydroxy-lower alkylene or a A and B together form a (CH)<sub>p</sub> bridge alkylene, guanidino-lower alkylene, imidazolyl-lower alkylene, indolyl-lower alkylene, mercapto-lower alkylene, lower alkyl-mercaptop-lower alkylene; carbamoyl-lower alkylene or carboxy lower alkylene or a A and B together form a (CH)<sub>n</sub> bridge which completes an unsubstituted ring of 5 or 6 atoms with the nitrogen and carbon to which they are joined in said ring substituted with n hydroxy group; X is oxygen or sulfur; m is 0, 1, 2, 3 or 4; n is 0 or 1; and p is 3 or 4 characterised by reacting a compound of the formula III.



wherein A, B and R, are as defined above with a compound of the formula IV.



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, X, m and n have the meaning defined above according to conventional methods and if desired converting the compound so obtained to a salt thereof by conventional methods.

CLASS 172C<sub>3</sub> & D<sub>4</sub>.

146681.

Int. Cl.-D01h 7/00.

## APPARATUS FOR INTRODUCING A SLIVER INTO THF COMBING AREA OF A SLIVER OPENER ROLLER OF AN OPEN-END SPINNING APPARATUS.

*Applicant*: SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, 8070 INGOLSTADT, WEST GERMANY.*Inventor*: HANS LANDWEHRKAMP, PETER ARTZT, GERHARD EGBERS AND ANTON SCHENEK.

Application No. 1325/Cal/76 filed July 23, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Apparatus for feeding a sliver into the combing area of a sliver opener roller of an open-end spinning apparatus, comprising a feed roller and a feed groove cooperating with the roller, the feed groove having a sliver supporting surface extending from the region in which the sliver supporting surface extends from the region in which the sliver is gripped between the feed roller and the feed groove up to the region of the sliver opener roller, characterised in that an angle of between 110° and 150° is included in the direction of rotation

of the opener roller between a straight line extending between the end of the sliver gripping region lying closer to the sliver opener roller and the end of the sliver supporting surface lying closer to the sliver opener roller, and the tangent passing through the point at which the said straight line intersects the circumference of the sliver opener roller.

CLASS 127G & 172C<sub>2</sub>.

146682.

Int. Cl.-F16h 1/38, D01g 19/26.

## DRIVE APPARATUS FOR THE DETACHING ROLLERS OF COMBING MACHINES.

*Applicant*: SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84, 8070 INGOLSTADT, WEST GERMANY.

*Inventor*: GFRD KIPER, DIETMAR SCHUMANN.

Application No. 309/Cal/77 filed March 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Drive apparatus for the detaching rollers of combing machines, with a planet wheel differential, characterised by a five-point linkage with a coupling member, which comprises an internally toothed wheel rim and which is fixed for rotation, by way of a further coupling member, with a drive crank, which imparts an oscillating rotary movement to the coupling member, and the coupling member is guided as planet gear of a central wheel which meshes with it, serves as driven member, and has a second drive crank which acts as a link.

CLASS 27L.

146683.

Int. Cl.-E04c 5/08.

## APPARATUS FOR THE PRODUCTION OF FINISHED PRESTRESSED CONCRETE MEMBERS.

*Applicant*: DYCKERHOFF & WIDMANN AKTIENGESELLSCHAFT, SAPPEROBÖGEN 6, 8000 MÜNCHEN 40, FEDERAL REPUBLIC OF GERMANY.

*Inventors*: PETER AUER, FRITZ KLUGE, HELMUT LIESKE, HORST WUTZLER.

Application No. 414/Cal/77 filed March 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

An apparatus for producing finished prestressed concrete members on a prestressing bed having prestressing wires tensioned against fixed abutment members passing therethrough, comprising a scaffold spanning said prestressing bed in gantry-like fashion, said scaffold being supported for movement in a direction parallel to said tension bed, at least two adjacent stations along said scaffold for producing said finished prestressed concrete members, a lower form member for each concrete member to be formed at each of said stations and mounted on said scaffold for vertical movement between a position for receiving concrete to form said concrete members and a position removed from said forming position, and an upper form member for each of said lower form members, each of said upper form members mounted on said scaffold for vertical movement into and out of cooperative engagement with said lower form member when in the forming position, said upper form members also being mounted for horizontal movement longitudinally along said scaffold.

CLASS 129N.

146684.

Int. Cl.-B23k 1/00, 3/00.

## IMPROVEMENTS IN OR RELATING TO THE SOLDERING OF WORKPIECES.

*Applicant*: LINDE AKTIENGESELLSCHAFT, OF ABRAHAM-LINCOLN-STR. 21 D-62 WIESBADEN, FEDERAL REPUBLIC OF GERMANY.

*Inventor*: NORBERT WAGNER.

Application No. 432/Cal/77 filed March 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A method of soldering workpieces including or defining cavities by heating the workpieces already provided with solder to the soldering temperature in a soldering chamber, wherein heating of the workpieces is effected by passing a fluid heating medium through said cavities.

CLASS 32F<sub>a</sub> & F<sub>b</sub>.

146685.

Int. Cl.-C07c 103/30, 55/06, 87/48.

## PROCESS FOR THE MANUFACTURE OF OXANILIC ACID DERIVATIVES.

*Applicant*: AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK 10017, NEW YORK, UNITED STATES OF AMERICA.

*Inventors*: DIETER HEINZ KLAUBERT, JOHN HAMILTON SELLSTEDT AND CHARLES JOHN GUINNESSO.

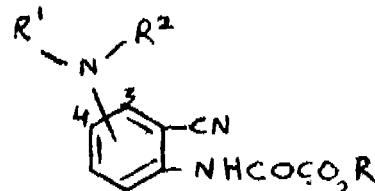
Application No. 386/Cal/78 filed April 10, 1978.

Convention date February 23, 1976/(351/76) IRELAND. Division of Application No. 176/Cal/77 filed February 7, 1977.

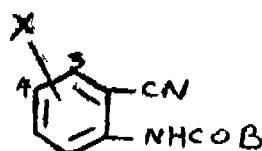
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A process for the preparation of a compound having the formula I.



in which the group -NR<sup>1</sup>R<sup>2</sup> appears in the designated 3- or 4-position; R is hydrogen or a pharmaceutically acceptable cation; R<sup>1</sup> and R<sup>2</sup> are independently hydrogen; alkyl, alkenyl or alkynyl of 1 to 9 carbon atoms, inclusive; cycloalkyl of 5 or 6 carbon atoms; aralkyl of 7 to 9 carbon atoms; aryl of 6 to 10 carbon atoms; furfuryl or aromatic heterocyclyl; or R<sup>1</sup> and R<sup>2</sup>, together with the nitrogen to which they are attached, are aziridinyl, azetidinyl, pyrrolidinyl, piperidino, piperazinyl, 4-lower alkyl-piperazinyl, morpholino or thiomorpholino; or a pharmaceutically acceptable acid addition salt thereof, wherein a compound having a formula V.



where X is at the designated 3- or 4-position and represents—NR<sup>1</sup>R<sup>2</sup> (where R<sup>1</sup> and R<sup>2</sup> are as defined above or a protected form of a group of the formula -NHR<sup>3</sup> as hereinbefore defined where R<sup>3</sup> is as defined above) and B denotes a protected form of carboxyl, as hereinbefore defined, is subjected to treatment in manner known per se to convert B into a free or salfidized carboxyl group and, where appropriate, the product is subjected to treatment in manner known per se to remove a protecting group from X and, if desired, a compound having formula I is converted into a pharmaceutically acceptable salt thereof by addition of an acid or a base or a salt form of a compound having formula I is converted into a compound having formula I by addition of an acid or a base.

CLASS 32F<sub>1</sub>.

146686.

Int. Cl.-C07c 63/00

A PROCESS FOR THE PREPARATION OF  $\alpha$ -CHLORO PHENYLACETYL CHLORIDE.

*Applicant* : SARABHAI, RESEARCH CENTRE, A DIVISION OF SWASTIK HOUSEHOLD & INDUSTRIAL PRODUCTS LIMITED OF BOMBAY, WADI WADI, POST BOX NO. 162, BARODA, GUJARAT STATE, INDIA.

*Inventors* : C SUKHLA SOMESWARA RAO AND ASHWINKUMAR DHARMROY PANDYA.

Application No. 38/Bom/76 filed January 30, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims. No drawings.

A process for the preparation of  $\alpha$ -chlorophenylacetyl chloride which comprises reacting mandelic acid with thionyl chloride in presence of N, N-dimethylformamide, with or without an organic solvent as diluent at room temperature.

CLASS 32F<sub>b</sub>.

146687.

Int. Cl.-B01d 3/10, C07c 53/02.

PROCESS FOR THE CONCENTRATION OF FORMIC ACID FROM ITS DILUTE AQUEOUS SOLUTIONS OR SOLUTIONS OF THF ACID AND ITS ESTERS.

*Applicant* : BAKUL, FINECHEM RESEARCH CENTRE, STERLING CENTRE, 4TH FLOOR, 16/2, DR. ANNIE BESANT ROAD, WORLI, BOMBAY-400 018, MAHARASHTRA, INDIA.

*Inventor* : MR. YOGIN RANJIT MAJUMDAR.

Application No. 364/Bom/77 filed December 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch

7 Claims. No drawings.

A process for the concentration of formic acid from dilute aqueous solutions and such solutions even when they may contain formyl esters, comprising of distilling the said dilute solutions in presence of concentrated sulphuric acid under reduced pressure.

CLASS 24D<sub>3</sub> & D<sub>4</sub>.

146688.

Int. Cl.-B61h 1/00.

BRAKE PIPE PRESSURE GRADIENT REACTION VALVE APPARATUS FOR USE IN A RAILWAY AIR BRAKING SYSTEM.

*Applicant* : WESTINGHOUSE BRAKE AND SIGNAL COMPANY LIMITED, OF 3, JOHN STREET, LONDON, WC1N 2ES, ENGLAND.

*Inventor* : DAVID JOHN WICKHAM.

Application No. 440/Cal/76 filed March 11, 1976.

Convention date March 27, 1975/(13016/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Brake pipe pressure gradient reaction valve apparatus for use in a railway air braking system and including a fluid pressure fall detector having a pressure responsive device connected to be responsive to brake pipe pressure reduction to operate a first valve means to transmit a fluid pressure control signal pressure to a second valve means operable as a vent valve at a point along a brake pipe, the fluid pressure control signal being derived from the brake pipe via a third valve means which closes to inhibit transmission of such a signal in the absence of pressure gradient over a length of brake pipe including said point.

## OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Gujarat Reclaim and Rubber Products Limited to the grant of a patent on application No. 145917 made by Kamani Metallic Oxides Limited.

(2)

An opposition has been entered by Gopi Kishan Kabra to the grant of a patent on application No. 145772 made by Shri Mahesh Anantai Pattani.

## PATENTS SEALED

141517 143319 143749 143808 143911 144002 144007 144015  
144464 144689 144758 144820 144835 144849 144852 144874  
144882 144921 144934 144940 144941 144959 144962 144965  
144967 144970 144971 144973 144979 144982 144985 144990  
145007 145014 145019 145020 145022 145024 145025 145032  
145033 145046 145048 145049 145052 145059 145065 145066  
145084 145085 145087 145111 145113 145116 145117 145143  
145225 145255 145289 145759

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

## No. &amp; Title of the invention

136834 (6-6-73) A process for the simultaneous production of red oxide of iron and sodium sulfate.  
 137328 (28-5-73) Process for preparing 1, 2, 4-oxadiazole derivative.  
 137376 (4-7-73) Continuous ice cream machine and method for preparing a feeding and liquid ice cream mix.  
 137378 (17-8-72) A process for preparation of novel antibiotic.  
 137406 (10-11-72) Process and apparatus for hydrocarbon conversion.  
 137455 (24-10-73) Process of making an aqueous solution of doxy-cycline.  
 137460 (27-4-72) Process for electrochemical manufacture of silver containing catalyst.  
 137461 (12-1-73) Process for producing metallic silver powder.  
 137474 (2-8-73) A method of preparing a gum or adhesive.  
 137493 (31-7-73) Method of preparing metal salts of N-hydroxymethyl-N-methyl dithiocarbamic acid.  
 137496 (10-10-72) Method of making an improved calf feed.  
 137508 (17-7-72) A process for the production of correction paper.  
 137533 (5-10-72) Process for preparing substituted isoxazolo-pyrimidines.  
 137546 (2-1-73) Improvement in a method of preparing a resinous material.  
 137588 (10-10-72) Process for the preparation of phthalic anhydride by vapour phase catalytic oxidation.

## RENEWAL FEES PAID

94544 94612 94900 95082 95610 100294 100436 100516  
100568 100786 100833 100910 100977 101662 101727 101756  
102175 105460 105895 106091 106114 106155 106158 106227  
106282 106325 106477 106518 106688 106746 106765 106920  
106938 107138 107396 107976 111380 111482 111492 111508

111511 111561 111562 111630 111655 111677 111701 111749  
 111891 111914 112123 112508 115935 116567 116590 116660  
 116669 116671 116714 116718 116733 116845 116887 116901  
 116994 117286 117340 117368 117473 117836 118847 120613  
 121924 122024 122046 122162 122170 122224 122231 122265  
 122295 122297 122331 122459 122557 122679 122798 122817  
 123202 123368 124161 125534 125622 127212 127214 127215  
 127236 127577 127626 127646 127658 127732 127733 127734  
 127936 128124 128153 128215 128232 128277 128334 128397  
 128455 128456 128457 129038 129134 129349 130721 131823  
 131864 131907 131915 131922 132024 132036 132074 132075  
 132104 132198 132214 132215 132241 132339 132366 132423  
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 133238 133309 133443 133656 133669 133955 134092 134121  
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 144046 144071 144077 144084 144165 144302 144424 144465  
 144473 144481 144542 144550 144551 144561 144566 144569  
 144942

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application for restoration of Patent No. 141589 dated the 1st November 1973 made by The Fertilizer Corporation of India Limited on the 13th May 1978 and notified in the Gazette of India, Part III, Section 2 dated the 9th September 1973 has been allowed and the said patent restored.

## (2)

Notice is hereby given that an application for restoration of Patent No. 142343 dated the 3rd September 1974 made by Vasudeo Ramchandra Bhide on the 25th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 146471, Press Metal Corporation Pvt. Ltd., a company incorporated in India under the Companies Act, 1956 at Andheri Kurla Road, Marol, Andheri, Bombay-400059, State of Maharashtra, India. "Structural Steel Sections". January 2, 1978.

Class 1. No. 147937. Reliable Metal Works, a registered partnership firm, of 43, R. S. Nimbkar Marg, Bagdad

Compound, Bombay-400008, State of Maharashtra, India. "A duct wicks stoves". January 9, 1979.

Class 3. No. 147897. The Tata Oil Mills Company Limited, of Bombay House, Homi Mody Street, Bombay-400023, Maharashtra, "Soap container". December 28, 1978.

Class 3. No. 147900. Chandrakant Maganlal Shah, an Indian National, at 8, Trupti Apartment, Behind Gujarat High Court, Ahmedabad-380 009, (Gujarat State), India. "Electric lamp adoptor". December 28, 1978.

Class 3. Nos. 147909 to 147930. Mona Toys Industries, a partnership firm of C-124, Rewari Lane, Industrial Area, Phase-II, Mayapuri, New Delhi-110027, India. "Toys". January 2, 1979.

Class 3. No. 147934. Bhatia & Co., 2248, Chuna Mandi, Paharganj, New Delhi-110055, an Indian Partnership firm. "Ink bottle". January 4, 1979.

Class 3. No. 147936. Tema Shiavax Karanjia, an Indian Citizen trading as—Protoplas (India) Mfg. Co., Virwan Industrial Estate, Block No. 80, Western Express Highway, Goregaon, Bombay-400082, Maharashtra, India. "Container". January 8, 1979.

Class 3. No. 147943. Tobu Enterprises Private Limited, an Indian Company, 8/29, Kirti Nagar Industrial Area, New Delhi-110015, "Toy horn". January 11, 1979.

Class 4. Nos. 147938 & 147939. United Trading Company, 69-A, Mittal Chambers, 6th Floor, Nariman Point, Bombay-400021, Maharashtra State, an Indian Proprietary firm. "Bottle with cap". January 9, 1979.

Class 4. Nos. 147940 & 147941. United Trading Company, 69-A, Mittal Chambers, 6th Floor, Nariman Point, Bombay-400021, Maharashtra, an Indian Proprietary firm. "Bottle". January 9, 1979.

Class 4. No. 147953. United Trading Company, 69-A, Mittal Chambers, 6th Floor, Nariman Point, Bombay-400021, Maharashtra State, an Indian Proprietary Concern. "Bottle with cap". January 12, 1979.

Class 5. No. 147956. Vikramjit Singh, 16-B, Sujan Singh Park, New Delhi-110003, India, an Indian National. "Puppet". January 15, 1979.

## COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 140970, 141807, 141833, 141855, 141856, 141887, 141954, 142157, 143898, 144064, 144271, 144273, 144274, 145520 & 145521 Class 1.

Designs Nos. 140634, 141693, 141694, 141695, 141739, 141740, 141808, 141834, 146497 Class 3.

Design Nos. 141809 & 141835 Class 4.

Design No. 146498 Class 5.

Design Nos. 141696, 141697, 141735, 141736, 141737 and 141738 Class 10.

## COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 135290, 135329, 135909, 136350, 136352, 145520 and 145521 Class 1.

Design Nos. 135188 & 146497 Class 3.

Design No. 146498 Class 5.

S. VEDARAMAN

Controller-General of Patents, Designs and Trade Marks.